

INTERNATIONAL SEARCH REPORT

Int. Application No
PCT/DK2004/000660

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F26B25/00 B65G69/04

According to international Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F26B B65G B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	US 3 712 347 A (ANDERSEN B) 23 January 1973 (1973-01-23) cited in the application the whole document	1,2,8,9
A	DE 36 03 275 A (KLOECKNER HUMBOLDT DEUTZ AG) 6 August 1987 (1987-08-06) cited in the application the whole document	1,2,4,8, 9,11
A	US 3 972 278 A (WITTE ET AL) 3 August 1976 (1976-08-03) the whole document	1,3-5,8, 10-12
A	GB 109 167 A (JOHN STENNITT BEAN; JOHN GORDON BEAN) 6 September 1917 (1917-09-06) the whole document	1,2,5,8, 9,12
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☒ Further documents are listed in the continuation of box C

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

17 February 2005

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24/02/2005

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INTERNATIONAL SEARCH REPORT

Int. Application No
PC1/DK2004/000660

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 19 39 718 A (LEYBOLD HERAEUS GMBH & CO KG) 18 February 1971 (1971-02-18) cited in the application page 1, paragraph 1 page 2, paragraph 2; claim 3; figures	1,2,8,9
A	US 5 983 519 A (FERRARI FRANCO) 16 November 1999 (1999-11-16) cited in the application the whole document	3,10
A	US 3 146 997 A (MCKINNEY RALPH E) 1 September 1964 (1964-09-01) cited in the application the whole document	1,6,8,13
A	US 3 968 818 A (GERRANS ALFRED W) 13 July 1976 (1976-07-13) cited in the application the whole document	1,2,8,9
A	EP 0 119 104 A (DICKINSON ENG LTD W H) 19 September 1984 (1984-09-19) cited in the application the whole document	1,8
A	FR 2 739 844 A (BONDUELLE SA ETS) 18 April 1997 (1997-04-18) cited in the application page 6, line 2 - line 3; figures	6,13
A	GB 296 742 A (JOSEPH WILLIAM SHERWEN) 7 September 1928 (1928-09-07) cited in the application	
A	GB 102 677 A (FULLARD WILLIAM) 21 December 1916 (1916-12-21) cited in the application	
A	US 3 216 344 A (BEAGLE ELDON C) 9 November 1965 (1965-11-09) cited in the application	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCI/DK2004/000660

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3712347	A	23-01-1973	DK 121497 B DE 2039132 A1	18-10-1971 18-02-1971
DE 3603275	A	06-08-1987	DE 3603275 A1	06-08-1987
US 3972278	A	03-08-1976	NL 7312094 A BE 819386 A2 DE 2441236 A1 ES 449298 A1 FR 2245413 A1 GB 1482445 A IL 45519 A IT 1019136 B JP 50072904 A US 4024288 A	04-03-1975 28-02-1975 06-03-1975 01-08-1977 25-04-1975 10-08-1977 12-03-1979 10-11-1977 16-06-1975 17-05-1977
GB 109167	A	06-09-1917	NONE	
DE 1939718	A	18-02-1971	DE 1939718 A1	18-02-1971
US 5983519	A	16-11-1999	CH 691827 A5 AT 211249 T CA 2228142 A1 WO 9746841 A1 DE 59705878 D1 DK 843802 T3 EP 0843802 A1 JP 11510590 T PL 324803 A1	31-10-2001 15-01-2002 11-12-1997 11-12-1997 31-01-2002 25-03-2002 27-05-1998 14-09-1999 22-06-1998
US 3146997	A	01-09-1964	NONE	
US 3968818	A	13-07-1976	NONE	
EP 0119104	A	19-09-1984	EP 0119104 A1 EP 0139685 A1 WO 8403680 A1	19-09-1984 08-05-1985 27-09-1984
FR 2739844	A	18-04-1997	FR 2739844 A1 BE 1009658 A3 IT MI962110 A1	18-04-1997 03-06-1997 13-04-1998
GB 296742	A	07-09-1928	NONE	
GB 102677	A	21-12-1916	NONE	
US 3216344	A	09-11-1965	NONE	